

SEQUENCE LISTING

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<120> Classification of Colon Cancer

<130> P949PC00

<160> 139

<170> PatentIn version 3.1

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<213> NM_002985.2| Homo sapiens chemokine (C-C motif) ligand 5 (CCL5), mRNA

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<213> NM_001144.3| Homo sapiens autocrine motility factor receptor (AMFR), transcript variant 1, mRNA

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<213> NM_000249.2| Homo sapiens mutL homolog 1, colon cancer, nonpolyposis type 2 (E. coli) (MLH1), mRNA

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<210> 17

<211> 2986

<212> DNA

<213> NM_000201.1| Homo sapiens intercellular adhesion molecule 1 (CD54), human rhinovirus receptor (ICAM1), mRNA

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<212> DNA

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<213> NM_004850.3| Homo sapiens Rho-associated, coiled-coil containing protein kinase 2 (ROCK2), mRNA

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<211> 1556

<212> DNA

<213> NM_005783.3| Homo sapiens thioredoxin domain containing 9 (TXNDC9), mRNA

<400> 20

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<210> 21

<211> 1276

<212> DNA

<213> NM_003581.1| Homo sapiens NCK adaptor protein 2 (NCK2), mRNA

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<210> 22

<211> 1577

<212> DNA

<213> NM_006214.2| Homo sapiens phytanoyl-CoA hydroxylase (Refsum disease) (PHYH), mRNA

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<211> 3060

<212> DNA

<213> NM_004739.2| Homo sapiens metastais-associated gene family, member 2 (MTA2), mRNA

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<210> 24

<211> 2407

<212> DNA

<213> NM_001091.1| Homo sapiens amiloride binding protein 1 (amine oxidase (copper-containing)) (ABP1), mRNA

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<211> 1094

<212> DNA

<213> NM_000712.3| Homo sapiens biliverdin reductase A (BLVRA), mRNA

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<212> DNA

<213> NM_000933.2| Homo sapiens phospholipase C, beta 4 (PLCB4), transcript variant 1, mRNA

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<213> NM_002416.1| Homo sapiens chemokine (C-X-C motif) ligand 9 (CXCL9), mRNA

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<211> 1144

<212> DNA

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<211> 768

<212> DNA

<213> NM_004585.2| Homo sapiens retinoic acid receptor responder (tazarotene induced) 3 (RARRES3), mRNA

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<211> 696

<212> DNA

<213> NM_002984.1| Homo sapiens chemokine (C-C motif) ligand 4 (CCL4), mRNA

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<210> 32

<211> 3338

<212> DNA

<213> NM_001455.2| Homo sapiens forkhead box O3A (FOXO3A), transcript variant 1, mRNA

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<210> 33

<211> 2646

<212> DNA

<213> NM_152873.1| Homo sapiens tumor necrosis factor receptor superfamily, member 6 (TNFRSF6), transcript variant 4, mRNA

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aaaaaa

2646

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<211> 817

<212> DNA

<213> NM_002038.2| Homo sapiens interferon, alpha-inducible protein (clone IFI-6-16) (G1P3), transcript variant 1, mRNA

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<210> 35

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<212> DNA

<213> NM_001565.1| Homo sapiens chemokine (C-X-C motif) ligand 10 (CXCL10), mRNA

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<210> 36

<211> 396

<212> DNA

<213> NM_005950.1| Homo sapiens metallothionein 1G (MT1G), mRNA

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<210> 37

<211> 2755

<212> DNA

<213> NM_000043.3| Homo sapiens tumor necrosis factor receptor superfamily, member 6 (TNFRSF6), transcript variant 1, mRNA

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<210> 38

<211> 1600

<212> DNA

<213> NM_001953.2| Homo sapiens endothelial cell growth factor 1 (platelet-derived) (ECGF1), mRNA

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<210> 39

<211> 931

<212> DNA

<213> NM_005138.1| Homo sapiens SCO cytochrome oxidase deficient homolog 2 (yeast) (SCO2), nuclear gene encoding mitochondrial protein, mRNA

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<210> 40

<211> 1216

<212> DNA

<213> NM_006419.1| Homo sapiens chemokine (C-X-C motif) ligand 13 (B-cell chemoattractant) (CXCL13), mRNA

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<210> 41

<211> 738

<212> DNA

<213> NM_006433.2| Homo sapiens granulysin (GNLY), transcript variant NKG5, mRNA

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<210> 42

<211> 1579

<212> DNA

<213> NM_001767.2| Homo sapiens CD2 antigen (p50), sheep red blood cell receptor (CD2), mRNA

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<210> 43

<211> 3738

<212> DNA

<213> NM_006275.4| Homo sapiens splicing factor, arginine/serine-rich 6 (SFRS6), mRNA

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ggaaaaaaaa aaaaaaaaaa 3738

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<210> 44

<211> 2033

<212> DNA

<213> NM_003212.1| Homo sapiens teratocarcinoma-derived growth factor 1 (TDGF1), mRNA

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<211> 367

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<213> NM_005951.1| Homo sapiens metallothionein 1H (MT1H), mRNA

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<212> DNA

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<211> 6640

<212> DNA

<213> NM_006047.4| Homo sapiens RNA binding motif protein 12 (RBM12), transcript variant 1, mRNA

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<211> 3680

<212> DNA

<213> NM_006644.2| Homo sapiens heat shock 105kDa/110kDa protein 1 (HSPH1), mRNA

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<213> NM_007236.3| Homo sapiens calcium binding protein P22 (CHP), mRNA

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<211> 2069

<212> DNA

<213> NM_003270.2| Homo sapiens transmembrane 4 superfamily member 6 (TM4SF6), mRNA

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<210> 59

<211> 2402

<212> DNA

<213> NM_021200.1| Homo sapiens pleckstrin homology domain containing, family B (evectins) member 1 (PLEKHB1), mRNA

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<211> 2856

<212> DNA

<213> NM_003661.2| Homo sapiens apolipoprotein L, 1 (APOL1), transcript variant 1, mRNA

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<211> 1655

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<213> NM_002164.3| Homo sapiens indoleamine-pyrrole 2,3 dioxygenase (INDO), mRNA

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<211> 2242

<212> DNA

<213> NM_021784.3| Homo sapiens forkhead box A2 (FOXA2), transcript variant 1, mRNA

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<211> 1047

<212> DNA

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<211> 5243

<212> DNA

<213> NM_001165.3| Homo sapiens baculoviral IAP repeat-containing 3 (BIRC3), transcript variant 1, mRNA

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<210> 65

<211> 3850

<212> DNA

<213> NM_005682.4| Homo sapiens G protein-coupled receptor 56 (GPR56), transcript variant 1, mRNA

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<211> 372

<212> DNA

<213> NM_005953.2| Homo sapiens metallothionein 2A (MT2A), mRNA

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<210> 67

<211> 4180

<212> DNA

<213> NM_015002.1| Homo sapiens F-box protein 21 (FBX021), transcript variant 2, mRNA

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<211> 6276

<212> DNA

<213> NM_012156.2| Homo sapiens erythrocyte membrane protein band 4.1-like 1 (EPB41L1), transcript variant 1, mRNA

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<212> DNA

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<213> NM_175617.2| Homo sapiens metallothionein 1E (functional) (MT1E), mRNA

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<213> NM_003283.3| Homo sapiens troponin T1, skeletal, slow (TNNT1), mRNA

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<211> 2213

<212> DNA

<213> NM_004067.1| Homo sapiens chimerin (chimaerin) 2 (CHN2), mRNA

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<212> DNA

<213> NM_005520.1| Homo sapiens heterogeneous nuclear ribonucleoprotein H1 (H) (HNRPH1), mRNA

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<211> 1895

<212> DNA

<213> NM_004046.4| Homo sapiens ATP synthase, H⁺ transporting, mitochondrial F1 complex, alpha subunit, isoform 1, cardiac muscle (ATP5A1), nuclear gene encoding mitochondrial protein, transcript variant 2, mRNA

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<210> 76

<211> 1290

<212> DNA

<213> NM_001970.3| Homo sapiens eukaryotic translation initiation factor 5A (EIF5A), mRNA

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<211> 2512

<212> DNA

<213> NM_005041.3| Homo sapiens perforin 1 (pore forming protein) (PRF1), mRNA

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<210> 78

<211> 4623

<212> DNA

<213> NM_014965.2| Homo sapiens OGT(O-Glc-NAc transferase)-interacting protein
106 KDa (OIP106), mRNA

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<211> 2657

<212> DNA

<213> NM_017895.6| Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 27 (DDX27), mRNA

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<211> 3246

<212> DNA

<213> NM_018206.3| Homo sapiens vacuolar protein sorting 35 (yeast) (VPS35), mRNA

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<211> 3182

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<211> 4930

<212> DNA

<213> NM_020182.3| Homo sapiens transmembrane, prostate androgen induced RNA (TMEPAI), transcript variant 1, mRNA

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<211> 702

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<213> NM_014183.2| Homo sapiens dynein, cytoplasmic, light polypeptide 2A (DNCL2A), transcript variant 1, mRNA

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<211> 1510

<212> DNA

<213> NM_018478.1| Homo sapiens chromosome 20 open reading frame 35 (C20orf35), mRNA

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<211> 3105

<212> DNA

<213> NM_030674.2| Homo sapiens solute carrier family 38, member 1 (SLC38A1), mRNA

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<210> 87

<211> 2711

<212> DNA

<213> NM_016028.4| Homo sapiens suppressor of variegation 4-20 homolog 1 (Drosophila) (SUV420H1), transcript variant 2, mRNA

<400> 87

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<211> 2977

<212> DNA

<213> NM_022105.2| Homo sapiens death associated transcription factor 1 (DATF1), transcript variant 1, mRNA

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<211> 1047

<212> DNA

<213> NM_018487.2| Homo sapiens hepatocellular carcinoma-associated antigen 112 (HCA112), mRNA

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<211> 2785

<212> DNA

<213> NM_014454.1| Homo sapiens sestrin 1 (SESN1), mRNA

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<211> 2163

<212> DNA

<213> NM_015515.3| Homo sapiens keratin 23 (histone deacetylase inducible) (KRT23), transcript variant 1, mRNA

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<211> 2881

<212> DNA

<213> NM_007210.2| Homo sapiens UDP-N-acetyl-alpha-D-galactosamine:polypeptide N-acetyl-galactosaminyltransferase 6 (GalNAc-T6) (GALNT6), mRNA

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<211> 1930

<212> DNA

<213> NM_020183.3| Homo sapiens aryl hydrocarbon receptor nuclear translocator-like 2 (ARNTL2), mRNA

<400> 97

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<211> 2128

<212> DNA

<213> NM_014576.2| Homo sapiens apobec-1 complementation factor (ACF), transcript variant 1, mRNA

<400> 98

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<211> 5730

<212> DNA

<213> NM_019008.4| Homo sapiens hypothetical protein FLJ20232 (FLJ20232), mRNA

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<212> DNA

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<211> 1429

<212> DNA

<213> NM_016612.1| Homo sapiens mitochondrial solute carrier protein (MSCP), mRNA

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<211> 2368

<212> DNA

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<211> 2577

<212> DNA

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<211> 7577

<212> DNA

<213> XM_030577.9| PREDICTED: Homo sapiens ATPase, Class II, type 9A (ATP9A), mRNA

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<211> 1672

<212> DNA

<213> NM_004503.2| Homo sapiens homeo box C6 (HOXC6), transcript variant 1, mRNA

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<211> 3394

<212> DNA

<213> NM_004764.2| Homo sapiens piwi-like 1 (Drosophila) (PIWIL1), mRNA

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<210> 107

<211> 2524

<212> DNA

<213> NM_000249.2| Homo sapiens mutL homolog 1, colon cancer, nonpolyposis type 2 (E. coli) (MLH1), mRNA

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<211> 2928

<212> DNA

<213> NM_001313.2| Homo sapiens collapsin response mediator protein 1 (CRMP1), mRNA

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<211> 1609

<212> DNA

<213> NM_002145.2| Homo sapiens homeo box B2 (HOXB2), mRNA

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<212> DNA

<213> NM_002860.2| Homo sapiens aldehyde dehydrogenase 18 family, member A1 (PYCS/ALDH18A1), mRNA

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<210> 111

<211> 2899

<212> DNA

<213> NM_005655.1| Homo sapiens TGFB inducible early growth response (TIEG), mRNA

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<213> NM_018223.1| Homo sapiens checkpoint with forkhead and ring finger domains (CHFR), mRNA

<400> 112

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<213> NM_024645.1| Homo sapiens hypothetical protein FLJ13842 (FLJ13842), mRNA

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<212> DNA

<213> NM_025195.2| Homo sapiens tribbles homolog 1 (Drosophila) (TRIB1), mRNA

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<210> 118

<211> 2745

<212> DNA

<213> NM_033542.1| Homo sapiens chromosome 20 open reading frame 35
(C20orf35), mRNA

<400> 118

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<210> 119

<211> 2152

<212> DNA

<213> NM_138932.1| Homo sapiens apobec-1 complementation factor (ACF),
transcript variant 2, mRNA

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<210> 120

<211> 3010

<212> DNA

<213> NM_145343.1| Homo sapiens apolipoprotein L, 1 (APOL1), transcript variant 2, mRNA

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<210> 121

<211> 2759

<212> DNA

<213> NM_080796.1| Homo sapiens death associated transcription factor 1 (DATF1), transcript variant 2, mRNA

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<210> 122

<211> 781

<212> DNA

<213> NM_177953.1| Homo sapiens dynein, cytoplasmic, light polypeptide 2A (DNCL2A), transcript variant 2, mRNA

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<210> 123

<211> 841

<212> DNA

<213> NM_022873.1| Homo sapiens interferon, alpha-inducible protein (clone IFI-6-16) (G1P3), transcript variant 3, mRNA

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<210> 124

<211> 4652

<212> DNA

<213> NM_183047.1| Homo sapiens protein kinase C binding protein 1 (PRKCBP1), transcript variant 1, mRNA

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<211> 3217

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<213> NM_017452.1| Homo sapiens staufen, RNA binding protein (Drosophila) (STAU), transcript variant T2, mRNA

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<213> NM_152871.1| Homo sapiens tumor necrosis factor receptor superfamily, member 6 (TNFRSF6), transcript variant 2, mRNA

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<211> 2730

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<210> 131

<211> 2563

<212> DNA

<213> NM_152874.1| Homo sapiens tumor necrosis factor receptor superfamily, member 6 (TNFRSF6), transcript variant 8, mRNA

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<211> 2508

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<211> 2583

<212> DNA

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<211> 316

<212> DNA

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<213> NM_000534. Homo sapiens PMS1...[gi:53729349]

<400> 137

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